ABSTRACT OF THE DISCLOSURE

A detecting method for detecting internal resistance of an inspective rechargeable battery when said inspective rechargeable battery is charged by the constant current-constant voltage charging regime, said detecting method comprising at least a step (a) wherein an accumulated, charged electricity quantity of said inspective rechargeable battery in the constant voltage charging mode is obtained and a step (b) wherein said charged electricity quantity of said inspective rechargeable battery obtained in the constant voltage charging mode in said step (a) is referred to previously acquired data of a normal rechargeable battery, which corresponds to said inspective rechargeable battery, with respect to relationships of charged electricity quantities Q_{cv} thereof versus internal resistances thereof when increased or decreased or their increased or decreased magnitudes in the constant voltage charging mode.